| Index o | f Claims |
|---------|----------|
|         |          |

| Application/Control | No. |
|---------------------|-----|
|                     |     |

Applicant(s)/Patent under Reexamination

10/707,528

Lloyd A. Gall

RECKNAGEL ET AL.

Examiner

3676

√ Rejected
= Allowed

- (Through numeral) Cancelled

Non-Elected

Appeal

÷ Restricted

I Interference

O Objected

|                        |          |                 |          |          |          |                |          |          |          |                |          |          |                 |          |         |         |                |                 |   |            |          | <u> </u>   |          |          |         |                         |         |                 |          |  |
|------------------------|----------|-----------------|----------|----------|----------|----------------|----------|----------|----------|----------------|----------|----------|-----------------|----------|---------|---------|----------------|-----------------|---|------------|----------|------------|----------|----------|---------|-------------------------|---------|-----------------|----------|--|
| Cla                    | aim      | Date            |          |          |          |                |          | Cla      | aim      |                | Date     |          |                 |          |         |         |                | Cla             | aim   | Date       |          |            |          |          |         |                         |         |                 |          |  |
| Final                  | Original | 2003)           | ,        |          |          |                |          |          |          |                | Final    | Original |                 |          |         |         |                |                 |   |            | Final    | Original   |          |          |         |                         |         |                 |          |  |
|                        | 1        | ノ               | $\dashv$ | 1        |          |                |          |          | _        | Ħ              |          | 51       | П               |          | $\top$  | $\top$  | T              |                 | $\top$  |            |          | 101        | 1        | _        | $\top$  | $\top$                  | $\top$  | +               | Г        |  |
|                        | 2        | Ť               | $\dashv$ | 寸        |          |                |          |          |          | П              |          | 52       | П               |          | +       | T       |                |                 | T   |            |          | 102        |          |          | +       | T                       | T       | 1               | Т        |  |
|                        | 3        | П               | 7        |          |          |                |          |          |          | П              |          | 53       | П               |          | 1       | $\top$  | T              |                 |   |            |          | 103        |          | _        |         |                         |         |                 |          |  |
|                        | 4        | П               |          |          |          |                |          |          |          | П              |          | 54       | П               | 1        | T       | 1       |                |                 |   |            |          | 104        |          |          |         | T                       |         | Τ               |          |  |
|                        | 5        | П               |          |          |          |                |          |          |          |                |          | 55       |                 |          |         |         |                |                 |   |            |          | 105        |          |          |         |                         |         |                 |          |  |
|                        | 6        |                 |          |          |          |                |          |          |          |                |          | 56       |                 |          |         |         |                |                 |   |            |          | 106        |          |          |         |                         |         |                 |          |  |
|                        | 7        | Ш               | _        |          |          |                |          |          |          |                |          | 57       |                 |          |         |         |                |                 | $\perp$   |            |          | 107        |          |          | $\perp$ |                         |         |                 |          |  |
|                        | 8        | Ш               | _        | _        |          |                |          | L        | _        | Ш              |          | 58       | Ш               | _        | $\bot$  | $\perp$ | _              |                 |   | <u> </u> _ |          | 108        |          |          | _       | _                       | 1_      | _               | <u> </u> |  |
| <u> </u>               | 9        | Ш               | _        | 4        |          |                |          |          | _        | Ш              |          | 59       | Ш               |          | _       | 4       | <u> </u>       |                 | 44  | <u> </u> _ |          | 109        |          |          | _       | _ _                     | 4       | 1_              | L        | Щ  |
| -                      | 10       | Ш               |          | -        | _        |                |          | <u> </u> | -        | $\vdash$       |          | 60       | Ш               |          | _       | _       | _              |                 | $\perp$   |            |          | 110        | $\sqcup$ | _        | $\perp$ | _                       | 1       | 1               | L        | _  |
| -                      | 11       | 1               |          |          |          |                | $\vdash$ | <u> </u> | <u> </u> | $\square$      | -        | 61       | Н               | _        |         | +       | $\vdash$       | -               | $\dashv\dashv$                                    | -          |          | 111        | $\vdash$ | -        | -       | -                       | +       | ┼               | Ь—       | <u> </u>   |
|                        | 12       | ンス              | $\dashv$ | $\dashv$ | -        | $\vdash\vdash$ | Н        | $\vdash$ | ├        | H              | -        | 62<br>63 | -               | +        | +       | +       | $\vdash$       | $\vdash$        | $\dashv$  | -          |          | 112        | $\vdash$ | +        | +       | +                       | +       | +-              | ├        |  |
|                        |          | 272             |          | $\dashv$ | -        | $\vdash$       | $\vdash$ | ⊢        | $\vdash$ | H              |          | 64       | $\vdash$        | +        | +       | ╁       | ┼              | ╁┷┼             |   | -          | _        | 113<br>114 | -        | +        | +       | ╁                       | ╁       | ╁               | $\vdash$ | $\vdash$   |
|                        | 15       | 7               | $\dashv$ | $\dashv$ | $\dashv$ | Н              | _        | ├─       | ├        | <del>  </del>  |          | 65       | $\vdash$        | +        | +       | +       | ╀              | $\vdash$        | $+\!\!+\!\!\!-$                                   | <u> </u>   |          | 115        | -        | +        | +       | +                       | +-      | ╀               | $\vdash$ | <del>                                     </del> |
|                        | 16       | 7               | $\dashv$ | $\dashv$ | $\dashv$ |                |          | ┢        | -        | $\vdash$       |          | 66       | Н               | +        | +       | ╁       | ╁              | -               | +-1   | ·  -       |          | 116        | -        |          | +-      | ╁                       | +       | ╁               | -        | -  |
|                        | 17       | V               | +        | ┪        | $\neg$   |                |          | ┢        |          |                |          | 67       | Н               | $\dashv$ | +       | +       | +              | $\vdash$        | +   | ⊢          |          | 117        | $\dashv$ | +        | +       | +                       | ╁┈      | +-              | ┢        | $\vdash$   |
|                        | 18       | =               | $\dashv$ | $\dashv$ | $\neg$   |                |          | ┢        |          | $\Box$         |          | 68       |                 | -        | +       | +       | $\vdash$       | $\vdash$        | ╅   | -          |          | 118        | -        | _        | ╅       | +-                      | ╅       | ╁               | ┢        | -  |
|                        | 19       | =               | $\dashv$ | $\dashv$ | $\neg$   |                |          | $\vdash$ | $\vdash$ | Н              |          | 69       |                 | _        | +       | +-      | +-             |                 | $\dashv \dashv$                                   | -          |          | 119        | $\neg$   | _        | +       | +                       | +       | t               | $\vdash$ | $\vdash$   |
|                        | 20       | =               | $\neg$   | _        |          |                |          | _        |          |                |          | 70       | Н               | 1        | $\top$  | $\top$  | t              | H               | $\top$  | F          |          | 120        | $\dashv$ | +        | $\top$  | $\top$                  | 1       | 1               | $\vdash$ |  |
|                        | 21       | 9               | $\neg$   | 寸        |          |                |          |          |          | П              |          | 71       | П               | $\neg$   | 1       | 1       | T              | П               | $\top$  |            |          | 121        | T        | $\neg$   | 十       | 1                       | 1       | ▮               |          |  |
|                        | 22       |                 | $\neg$   | T        |          |                |          |          |          |                |          | 72       | П               |          | ┰       |         |                |                 | $\neg \Box$                                       |            |          | 122        |          |          |         | T                       |         |                 | Г        |  |
|                        | 23       |                 |          | ヿ        |          |                |          |          |          |                |          | 73       |                 |          | $\top$  |         |                | П               |   |            |          | 123        |          |          | T       | Т                       |         |                 |          |  |
|                        | 24       |                 |          |          |          |                |          |          |          |                |          | 74       |                 |          |         |         |                |                 |   |            |          | 124        |          |          | $\perp$ |                         |         |                 |          |  |
|                        | 25       |                 |          |          |          |                |          |          |          |                |          | 75       |                 |          |         |         |                |                 |   |            |          | 125        |          |          |         |                         |         |                 |          |  |
|                        | 26       |                 |          |          |          |                |          |          |          |                |          | 76       |                 |          |         |         |                |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |            |          | 126        |          |          |         |                         |         |                 |          | $\Box$   |
|                        | 27       |                 | _        | _        |          |                |          |          | _        | Ш              |          | 77       |                 | 丄        | _ _     | $\perp$ |                | Ш               | $\perp \!\!\! \perp \!\!\! \perp$                 | L          |          | 127        |          |          | _       | $\perp$                 | $\perp$ | _               | _        | lacksquare                                       |
| <u></u>                | 28       |                 | _        | _        | _        |                |          |          | _        | Ш              |          | 78       |                 | _        | $\perp$ | ┸       |                | $\sqcup$        | $\perp$   |            |          | 128        | 1        | _        | $\perp$ | _                       | _       | ļ               | _        | _  |
|                        | 29       | Ш               | _        | _        | _        |                | _        | _        |          |                |          | 79       | $\sqcup$        |          | _       | 4_      | <u> </u>       | $\sqcup \bot$   |   | -          |          | 129        | _        | _        | +       | +                       | $\bot$  | $oxed{igspace}$ | $\vdash$ | <u> </u>   |
|                        | 30       | Н               | 4        | -        | -        | $\square$      |          | _        | H        | Н              | <u> </u> | 80       | Н               | $\dashv$ | +       | +       | ┡              | $\vdash$        | +   | <u> </u>   |          | 130        | -        | +        | _       | -                       | -       | ₩               | _        |  |
|                        | 31       |                 | $\dashv$ | $\dashv$ |          |                |          | -        |          | Н              | $\vdash$ | 81       | Н               | $\dashv$ | ┿       | +-      | -              | $\vdash \vdash$ | +   | $\vdash$   |          | 131        | $\dashv$ | _        | +       | +-                      | +-      | ╀               | $\vdash$ | -  |
|                        | 32<br>33 | $\vdash \vdash$ | -        |          |          |                |          |          |          | $\vdash\vdash$ | -        | 82<br>83 |                 | -        | +       | +-      |                | $\vdash \vdash$ | -   | -          |          | 132<br>133 | +        | +        | +       | +                       | +       | +               | $\vdash$ | $\vdash$   |
|                        | 34       | $\vdash$        | -        |          | -        | $\vdash$       | $\dashv$ | -        |          | $\vdash$       |          | 84       | $\vdash$        | +        | +       | +       | $\vdash$       |                 | +   | $\vdash$   |          | 134        |          | +        | +       | +                       | +       | $\vdash$        | H        | $\vdash$   |
|                        | 35       | H               | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$       |          | H        |          | Н              |          | 85       | $\vdash$        | +        | +       | +       | 1              | $\vdash$        | +   | $\vdash$   |          | 135        | $\dashv$ | $\dashv$ | +-      | +                       | +       | †               | Н        | Н  |
|                        | 36       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$       | $\vdash$ | Н        |          | Н              |          | 86       | $\vdash$        | +        | $\top$  | +       | 1              | $\vdash$        | $\top$  | <b>-</b>   |          | 136        | $\dashv$ | $\dashv$ | T       | $\top$                  | $\top$  | T               | П        | Н  |
|                        | 37       | Н               | 寸        | $\dashv$ |          |                |          |          |          | H              |          | 87       | $\Box$          | 十        | $\top$  | 1       | 1              | -               | $\forall \exists$                                 |            |          | 137        | $\dashv$ | 十        | $\top$  | $\top$                  | 1       | 1               |          | П  |
|                        | 38       | П               | 寸.       | .        |          |                |          |          |          | П              |          | 88       | П               | 十        | $\top$  | $\top$  | 1              |                 | $\neg \neg$                                       |            |          | 138        | $\dashv$ | $\top$   | T       | 1                       | T       | Τ               |          |  |
|                        | 39       |                 |          |          |          |                |          |          |          |                |          | 89       |                 |          |         |         |                |                 |   |            |          | 139        |          |          |         | T                       | I       | L               |          |  |
|                        | 40       |                 |          |          |          |                |          |          |          |                |          | 90       |                 |          | $\perp$ | Ι       |                |                 | $\Box$  |            |          | 140        |          |          | Ι       | $oldsymbol{\mathbb{T}}$ | $\prod$ |                 |          |  |
|                        | 41       |                 |          |          |          |                |          |          |          |                |          | 91       |                 |          |         |         |                |                 |   |            |          | 141        |          |          |         |                         |         |                 |          |  |
|                        | 42       |                 | $\Box$   | I        |          |                |          |          |          |                |          | 92       |                 | $\bot$   | $\bot$  | $\bot$  |                | $\Box \Box$     |   |            |          | 142        | $\bot$   |          | $\perp$ |                         | $\perp$ |                 |          |  |
| $\square$              | 43       | Ш               | _        | $\perp$  |          |                |          | Щ        | Ш        | Ш              |          | 93       | Ш               |          | $\perp$ | 1       | <u> </u>       | $\sqcup \bot$   | $\perp \perp \mid$                                | L          |          | 143        | $\dashv$ |          | 4-      |                         | _       | _               | _        | Щ  |
| <u></u>                | 44       | Щ               | _        | 4        | _        | $\sqcup$       | _        |          | Щ        | Ш              | L        | 94       | $\sqcup$        | _ _      | 4       | $\bot$  | ـــــ          | $\sqcup \bot$   | +   | L          |          | 144        | _        | 4        | 4       | $\downarrow$            | $\perp$ |                 | _        | Щ  |
|                        | 45       | -               | _        | _        | _        |                | _        |          |          | Н              |          | 95       | $\sqcup$        | _        | - -     | $\perp$ | <u> </u>       | $\vdash$        | +   | $\vdash$   |          | 145        |          |          | +       | +                       | +       | _               |          |  |
|                        | 46       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$       | _        |          | $\vdash$ | Н              | $\vdash$ | 96       | $\vdash \vdash$ |          | - -     | +       | ⊢              | $\vdash$        | +   | $\vdash$   | $\dashv$ | 146        | -        | -        | +       | +                       | +       | $\vdash$        | -        | $\vdash \vdash$                                  |
| $\vdash \vdash \vdash$ | 47       |                 | $\dashv$ | -        | $\dashv$ |                | -        | $\vdash$ | $\vdash$ | $\dashv$       | $\vdash$ | 97<br>98 | $\vdash \vdash$ | $\dashv$ | - -     | +       | ├              | $\vdash$        | +   | $\vdash$   |          | 147<br>148 | $\dashv$ | +        | +       | -                       | +       | $\vdash$        |          | $\vdash\dashv$                                   |
| $\vdash$               | 48<br>49 | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |                | $\dashv$ |          | $\vdash$ | $\dashv$       | $\vdash$ | 98       | $\vdash \vdash$ |          | +       | +       | ╁              | -               | $\dashv\dashv$                                    | ⊢          |          | 149        | +        | +        | +       | -                       | +       | $\vdash$        | $\vdash$ | Н  |
|                        | 50       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |                | $\dashv$ | $\vdash$ | $\vdash$ | H              | -        | 100      | $\vdash$        | $\dashv$ | +       | +       | <del> </del> - | $\vdash$        | +   | -          |          | 150        | $\dashv$ | +        | +       | +                       | +       | +               | H        | $\vdash$   |
|                        | 50       | ш               |          |          |          |                |          | L        | L        |                |          | 100      | <u>l</u>        | L_       |         |         |                |                 | لــــــــــــــــــــــــــــــــــــــ           | ∟          |          | 100        | i_       |          |         |                         |         |                 | لــــا   |  |